

Title (en)
OFFSHORE STRUCTURE SUPPORT AND FOUNDATION FOR USE WITH A WIND TURBINE AND AN ASSOCIATED METHOD OF ASSEMBLY

Title (de)
OFFSHORE-STRUKTURSTÜTZE UND FUNDAMENT ZUR VERWENDUNG MIT EINER WINDTURBINE UND ZUGEHÖRIGES MONTAGEVERFAHREN

Title (fr)
SUPPORT ET FONDATION DE STRUCTURE OFFSHORE DESTINES A UNE TURBINE EOLIENNE ET PROCEDE D'ASSEMBLAGE ASSOCIE

Publication
EP 1815146 A2 20070808 (EN)

Application
EP 05821100 A 20051114

Priority
• US 2005041041 W 20051114
• US 62691204 P 20041112

Abstract (en)
[origin: US2006104821A1] A pile based braced caisson structural support device includes a number of legs in is used to support a wind turbine. The wind turbine includes a base, a turbine generator and a blade mechanism. The legs are configured in a teepee type configuration such that the footprint of the base is larger than the footprint of the opposing end. This structural support can be used as a base for an offshore platform in that the support reduces the lateral forces on the support caused by wave action.

IPC 8 full level
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CPC (source: EP US)
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US 1490804 A 20041220; CA 2587877 A 20051114; DK 05821100 T 20051114; EP 05821100 A 20051114; PL 05821100 T 20051114; US 2005041041 W 20051114; US 27081505 A 20051110